

COC #46

11720 North Creek Pkwy N, Suite 400, Bothell, WA 98011-8244
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(541) 383-9310 FAX 382-7588

CHAIN OF CUSTODY REPORT

Work Order #: M 106003

CLIENT: Bristol		INVOICE TO: Bristol										TURNAROUND REQUEST in Business Days* Organic & Inorganic Analyses <div style="display: flex; justify-content: space-around;"> <div>10 7 5 4 3 2 1 <1</div> <div>STD.</div> <div>5 4 3 2 1 <1</div> </div> Petroleum Hydrocarbon Analyses <div style="display: flex; justify-content: space-around;"> <div>5 4 3 2 1 <1</div> <div>STD.</div> <div>OTHER Please Specify</div> </div>									
REPORT TO: Ann Cranawetter																P.O. NUMBER: 21090					
ADDRESS: Anchitka Island, Alaska																					
PHONE: 907 770 0974 FAX: 770 0975																					
PROJECT NAME: Anchitka		REQUESTED ANALYSES																			
PROJECT NUMBER: 21090																					
SAMPLED BY: Anne Charlie																					
CLIENT SAMPLE IDENTIFICATION	SAMPLING DATE/TIME	KLP	land														MATRIX (W, S, O)	# OF CONT.	COMMENTS	NCA WO ID	
1. OIAM C404MZ	6/1/01 1630	✓																0	1		
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15.																					

RELINQUISHED BY: <i>Charlie Marshall</i>	DATE: 6/01/01	RECEIVED BY: <i>M. Karoog</i>	DATE: 6-01-01
PRINT NAME: Charlie Marshall	FIRM: Bristol	PRINT NAME: MUSTAHSAN R. KAROOG	TIME: 1718
RELINQUISHED BY:	DATE:	RECEIVED BY:	DATE:
PRINT NAME:	FIRM:	PRINT NAME:	TIME:

ADDITIONAL REMARKS:	TEMP:	PAGE OF
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Seattle 11720 North Creek Pkwy N, Suite 400, Bothell, WA 98011-9223
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6 December, 2001

Anne Kranawetter
Bristol Environmental & Engineering
2000 W International Airport C#1
Anchorage, AK 99502-1116

RE: Amchitka

Enclosed are the results of analyses for samples received by the laboratory on 06/01/01 17:19. If you have any questions concerning this report, please feel free to contact me.

This report was recreated from a previously issued final report in order to provide an electronic copy. The final report used for these electronic copies may have been previously issued as an amended report due to client requested changes to sample names, etc. No data has changed since submission of the previously issued final, or amended, report.

Sincerely,

Stephen Wilson
Environmental Group Leader

Work Orders included in this report:

M106003



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Bristol Environmental & Engineering
2000 W International Airport C#1
Anchorage, AK 99502-1116

Project: Amchitka
Project Number: 21090
Project Manager: Anne Kranawetter

Reported:
06/04/01 13:13

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
O1AMC404MI	M106003-01	Other dry	06/01/01 16:30	06/01/01 17:19

North Creek Analytical - Mobile Lab

Stephen Wilson, Environmental Group Leader

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

North Creek Analytical, Inc.
Environmental Laboratory Network

1 of 4



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Project: Amchitka
Project Number: 21090
Project Manager: Anne Kranawetter

Reported:
06/04/01 13:13

TCLP Metals per EPA 1311/6000/7000 Series Methods
North Creek Analytical - Mobile Lab

Analyte	Result	Reporting Limit	Units	Dilution	Method	Prepared	Analyzed	Batch	Notes
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OIAMC404MI (M106003-01) Other dry

Sampled: 06/01/01 Received: 06/01/01

Lead	ND	0.0500	mg/l	1	1311/7000	06/02/01	06/03/01	0106013	
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North Creek Analytical - Mobile Lab

Stephen Wilson, Environmental Group Leader

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Project: Amchitka
Project Number: 21090
Project Manager: Anne Kranawetter

Reported:
06/04/01 13:13

TCLP Metals per EPA 1311/6000/7000 Series Methods - Quality Control

North Creek Analytical - Mobile Lab

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC Limits	RPD	RPD Limit	Notes
Batch 0106013 - EPA 1311/3010									
Blank (0106013-BLK1)					Prepared & Analyzed: 06/03/01				
Lead	ND	0.0500	mg/l						
LCS (0106013-BS1)					Prepared & Analyzed: 06/03/01				
Lead	1.75	1.25	mg/l	2.00		87.5	75-125		
Matrix Spike (0106013-MS1)					Source: M106002-04 Prepared & Analyzed: 06/03/01				
Lead	1.99	1.25	mg/l	2.00	ND	59.6	50-150		
Matrix Spike (0106013-MS2)					Source: M106002-06 Prepared & Analyzed: 06/03/01				
Lead	ND	25.0	mg/l	2.00	ND	NR	50-150		Q-03
Matrix Spike (0106013-MS3)					Source: M106002-07 Prepared & Analyzed: 06/03/01				
Lead	1.98	1.25	mg/l	2.00	ND	97.9	50-150		
Matrix Spike (0106013-MS4)					Source: M106003-01 Prepared & Analyzed: 06/03/01				
Lead	1.96	1.25	mg/l	2.00	ND	96.5	50-150		

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Reported:
06/04/01 13:13

Notes and Definitions

Q-03 The RPD and/or percent recovery for this QC spike sample cannot be accurately calculated due to the high concentration of analyte already present in the sample.

DET Analyte DETECTED

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

dry Sample results reported on a dry weight basis. MRLs are adjusted if %Solids are less than 50%.

wet Sample results reported on a wet weight basis (as received)

RPD Relative Percent Difference

North Creek Analytical - Mobile Lab

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Items for Project Manager Review

LabNumber	Analysis	Analyte	Exception
			Report recreated from: \\sisters\elmnt\Report\M106003 FINAL 06 04 01 1313.mdb Default Report (not modified)
0106013-MS2	Pb TCLP 7000 Series	Lead	Q-03
0106013-MS2	Pb TCLP 7000 Series	Lead	Exceeds lower control limit